Registered: June 10, 2014 Revised: June 10, 2016 Revised: June 06, 2017 Revised: December 03, 2019 Revised: September 15,2020

## MF Eco Machine Certification System Registry (Press Machine)

	allon Gystern Regi	ony (i 1633 ivi	iacililie <i>)</i>	I	sed:September 15,2020
Certified registration no. & registered product name  MF-P022 Mechanical Se		ervo Press	Product scope	PROF	ORMA SF Series
name of	TS Precision Co., Ltd.		Certified model	SF-M150-25 , SF-L250-35	
Criteria-base product (Production)		0 ( Sept., 20	010 ) / IF-80	O( April ,	2012 )
ments and nent factors	Evaluation items	Evaluation criteria	Evaluation results and/or remarks		
(1) Essential requirement			SF-M150-25 SF-L50-35		
Energy Energy saving consumption	Reduction ratio	Reduce more than	33%		23%
consumption		15%	Based on JFMA standard		
ve requiremen	t				
Compactificatio n	Number of component	10% or more reduction	Х		
Weight	Total weight	10% or more reduction	Х		
Operating oil	Amount of use	10% or more reduction	х		
Minimum selective More than 3 requirement		items	3 items		
nended t	Name of function/device	Summary of environmental load reduction			
y saving, lity, long life, ving /	Energy saving mode	Automatic shut-off timer setting of power supplied to lighting, cooling fan and servo motor			
controlling environment info., vibration/noise and emission (air/soil)	Die protection	Mechanical stop and maximum pressure force setting function of each axle			
	Load monitor	Accumulated and real time display of pressure force condition			
	Preventive maintenance alarm	After detecting battery voltage reduction, shwing alarm on control display			
	Maintenance counter device	Three different pre-set counters are equipped for easier finding the maintenance interval			
Minimum requirement 3 items or more 5 items					
	egistration itered ime iname of lase product duction) ments and inent factors al requirement lase requirement lase product duction) we requirement lase product duction) ments and inent factors al requirement lase product duction) ments and inent factors al requirement lase product duction) ments and inent factors al requirement lase product duction) ment factors lase product duction) ments and lase product duction) lase product duction) ment factors lase product lase p	registration attered me MF-P022 Mechanical Section MF-P022 Mechanical Section MF-P022 Mechanical Section Mechanical Section MF-P022 Mechanical Section Mechanical Sec	MF-P022 Mechanical Servo Press  TS Precision Co., Ltd.  IF-60 (Sept., 2d.  IF-60 (Sept.,	Mechanical Servo Press scope  TS Precision Co., Ltd. Certified model  IF-60 (Sept., 2010) / IF-80  Ments and ment factors  Evaluation items  Energy consumption  Reduction ratio  Reduction ratio  Mumber of component  Total weight  Total weight  Total weight  Total weight  More than 3 items  More than 3 items  Mechanical stop and max function of each axle  Load monitor  Preventive maintenance alarm Maintenance  IF-60 (Sept., 2010) / IF-80  Certified model  Reduction Co., Ltd.  Certified model  Reduction  Reduce more than 2  Itevaluation  Evaluation  Evaluation  Evaluation  Evaluation  Evaluation  10% or more reduction  10% or more reduction  Reduction ratio  SF-M15  Bas  33%  Reduce more than 15%  Bas  Summary of environment info., only noise and the condition  Preventive maintenance alarm Maintenance  After detecting battery voon control display  Three different pre-set condition  Three different pre-set condition	Agistration stered me MF-P022 Mechanical Servo Press scope  TS Precision Co., Ltd. Certified model  IF-60 (Sept., 2010) / IF-80 (April ,

Remarks:

(1)Revised on December 3,2019: Model name change